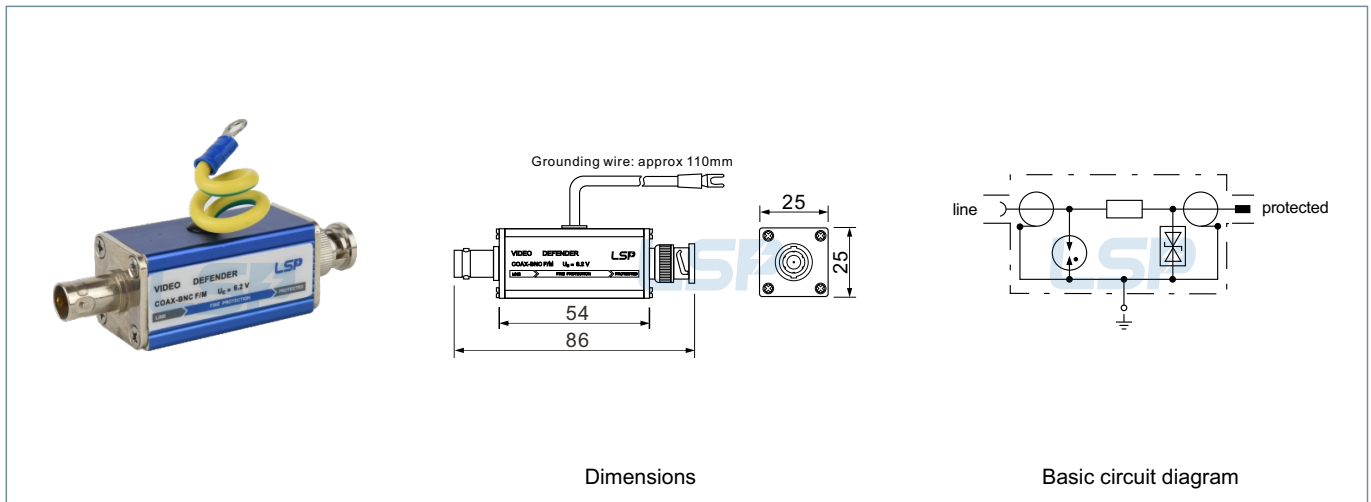


## COAX-BNC F/M

Surge arrester with BNC for protecting Closed Circuit Television (CCTV), video, camera and surveillance systems to avoid being influenced by leakage pickups.

- Easily adaptable due to BNC sockets
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_b - 2$  and higher
- Application: CCTV, video, camera and surveillance systems



Type		COAX-BNC F/M
SPD according to EN61643-11 / IEC 61643-11		type 2 / class II
Nominal a.c. voltage	$U_n$	5 V
Max. continuous operating a.c. voltage	$U_c$	6.2 V
Rated current	$I_L$	0.1 A
D1 Lightning impulse current (10/350 $\mu$ s)	$I_{imp}$	1 kA
C2 Nominal discharge current (8/20 $\mu$ s) shield-PG	$I_n$	10 kA
C2 Nominal discharge current (8/20 $\mu$ s) line-shield	$I_n$	5 kA
Voltage protection level line-shield for $I_n$ C2	$U_p$	< 35 V
Voltage protection level line-PG for $I_n$ C2	$U_p$	–
Voltage protection level line-shield at 1 kV/ $\mu$ s C3	$U_p$	< 13 V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3	$U_p$	–
Frequency range		0 - 300 Mhz
Insertion loss at 160 Mhz		< 0.4 dB
Insertion loss at 300 Mhz		< 3 dB
Return loss at 130 Mhz		> 20 dB
Return loss at 300 Mhz		> 8 dB
Characteristic impedance	$Z$	50 ohms / 75 ohms
Series resistance per line		4.7 ohms
Capacitance line-shield	$C$	< 25 pF
Capacitance line-PG	$C$	–
Range of operating temperatures	$T_u$	-40/+80°C
Degree of protection		IP 10
For mounting on		no
Lightning protection zone LPZ		$0_b - 2$
Connection (input / output)		BNC female / BNC male
Earthing via		outgoing earth conductor (0.75 mm <sup>2</sup> )
Enclosure material		Aluminum housing
Color		Blue